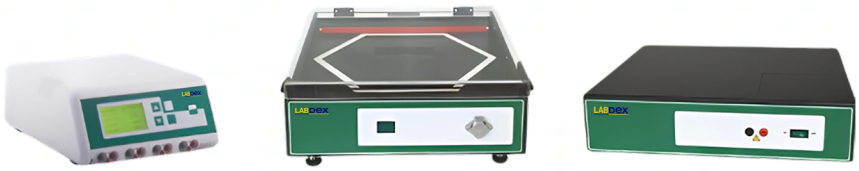

Pulsed Field Gel Electrophoresis System
LX7050GES

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Description

Pulsed Field Gel Electrophoresis System LX7050GES, with 120 × 120 mm gel dimensions, is designed for routine electrophoresis with moderate throughput. It enables efficient sample loading, reduces handling time, and supports programmable run modes for flexible protocols. Safe electrode shielding enhances operator safety, while its low power consumption ensures energy efficiency without sacrificing performance.

Specifications

Gel dimension (W x L)	120 x 120 mm
Buffer volume	3000 ml
Sample capacity	9~13
Temperature range	10°C~30°C
Temperature detection	±0.1°C
Separation fragment	100bp-6Mb
Voltage gradient	Max: 9.5V/cm, increment: 0.1V/cm
Maximum current	0.5 A
Pulse angle	±120°
Pulse width	1~99 hours programmed pulse or 1~20s line increase pulse
Module timing	1 min~99 hours 59 min
Power consumption	300 W
Power supply dimension	280 x 240 x 110 mm
Pulse tank dimension	465 x 445 x 142 mm
Output control allocation dimension	465 x 445 x 100 mm
Constant temperature circulator	196 x 406 x 482 mm
Net weight	50 Kg

Packing dimension (L x W x H)	390 x 360 x 220 mm 750 x 750 x 570 mm 600 x 580 x 330 mm 490 x 310 x 590 mm
Gross weight	4 Kg 26 Kg 16 Kg 23 Kg

Features

- Dual-core microprocessor
- Intelligent control with editable programs, automatic protection, and memory functions
- CPU-Managed electric field outputs with adjustable angles and durations
- 3 Pairs of sub-electrodes allow precise control over field strength and direction
- Built-in buffer circulation cooling system ensures stable operation and long unit life

Adapter Selection

- This is mainly used to separate and analyze large DNA molecules. It is commonly applied in chromosomal DNA separation, field construction, large genomic library analysis, transgenic research identification.

Standard Accessories

- Power supply x 1 Pcs
- Output control allocation x 1 Pcs
- Pulsed Electrophoresis tank x 1 Pcs
- Constant temperature circulator x 1 Pcs
- Gel casting x 1 Pcs
- 120 ×120 mm Gel tray x 1 Pcs
- Gel pad x 1 Pcs
- 2.0 mm Thickness 9-well comb x 2 Pcs
- 2.0 mm Thickness 13-well comb x 2 Pcs
- Sample module x 2 Pcs
- Sample exporter x 2 Pcs
- Level x 1 Pcs
- Clip x 2 Pcs
- Circular tube x 3 Pcs
- Level adjusting button x 4 Pcs

- Control line x 2 Pcs
- Electrical cables x 1 Pcs
- Power cord x 1 Pcs

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